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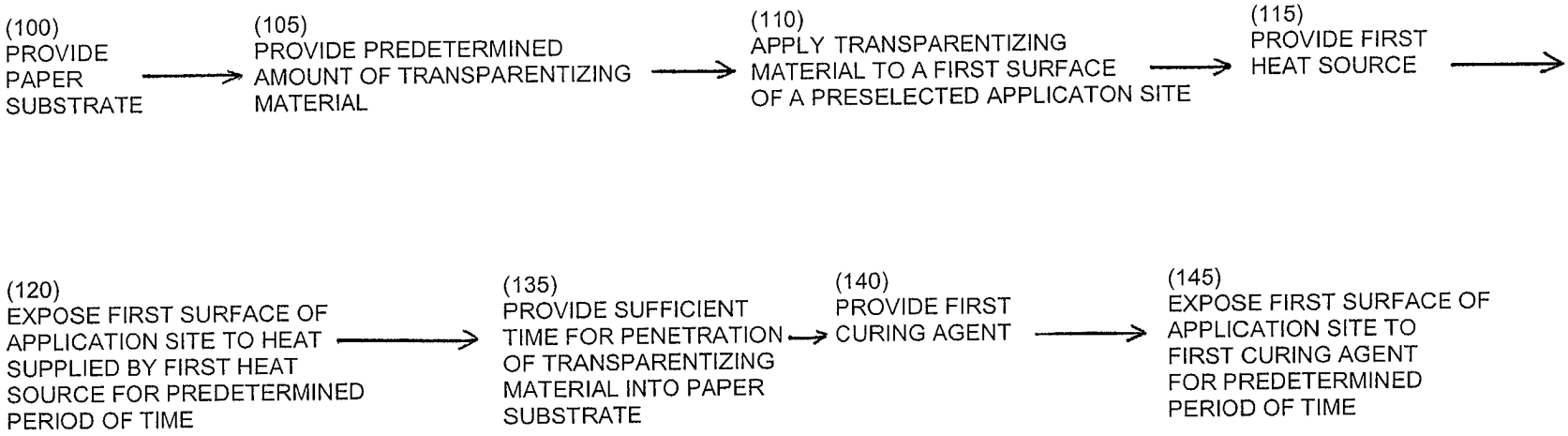

FIG. 1

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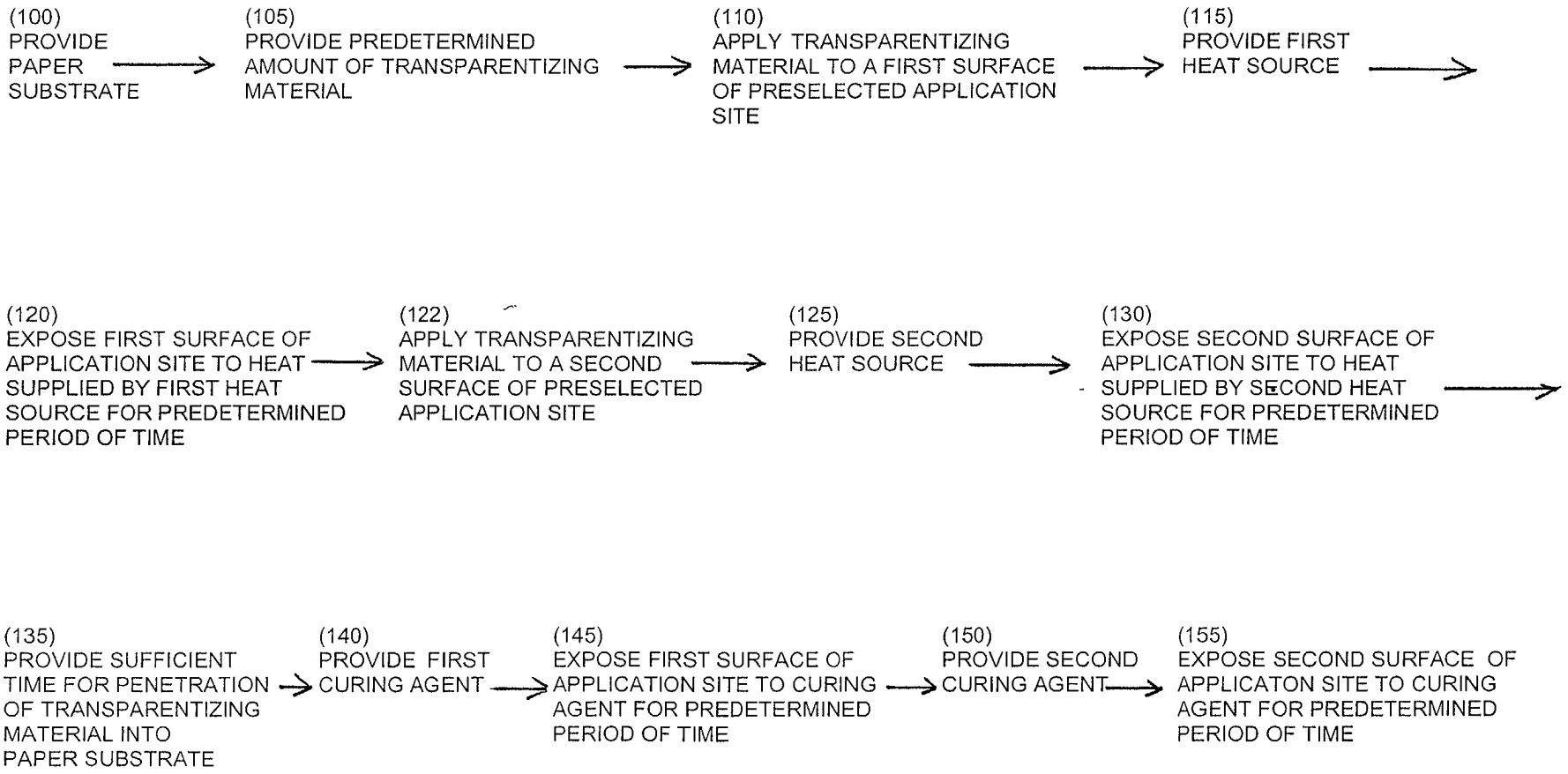


FIG. 2

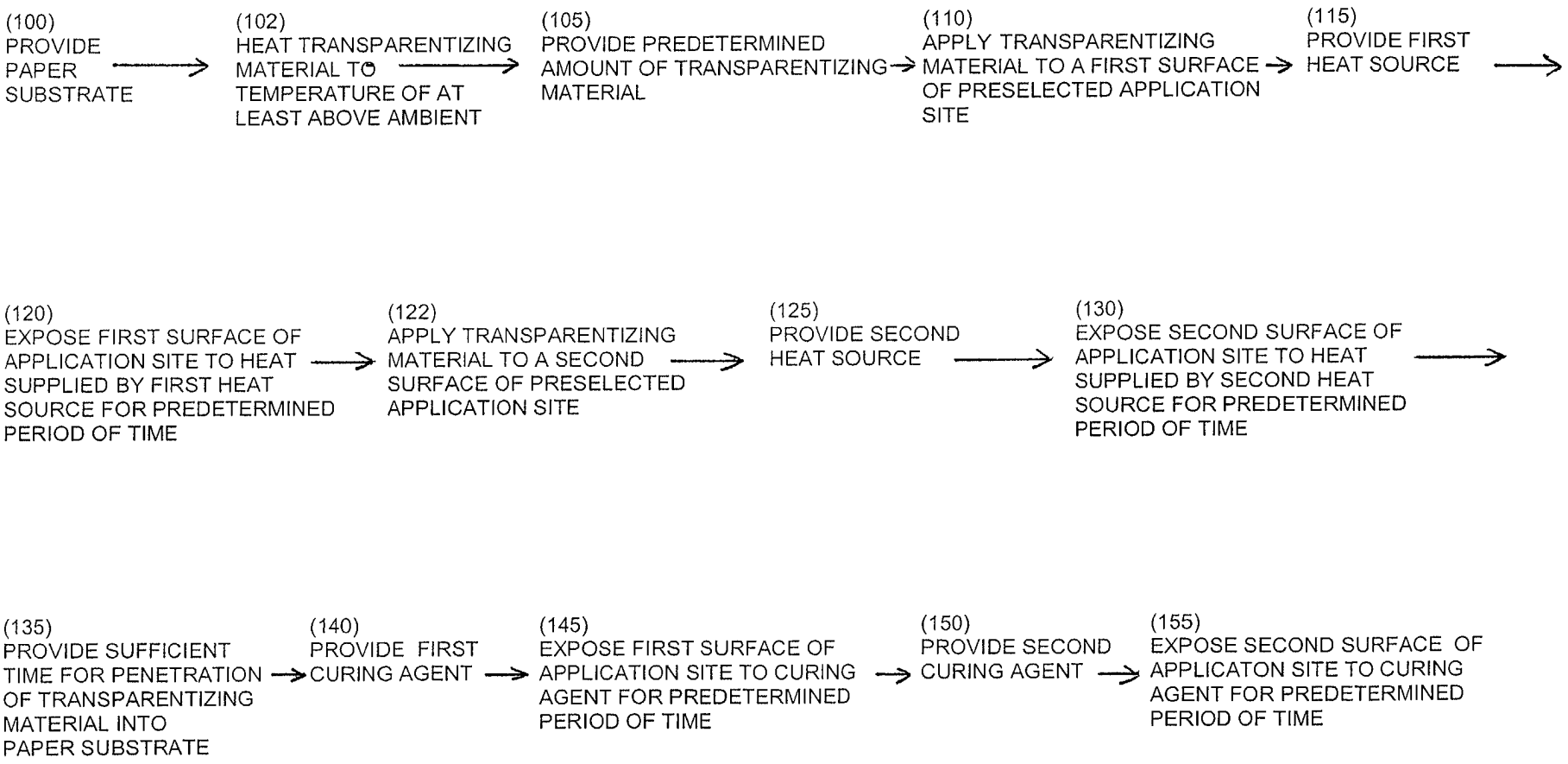

(100)
PROVIDE PAPER SUBSTRATE
(102)
HEAT TRANSPARENTIZING MATERIAL TO TEMPERATURE OF AT LEAST ABOVE AMBIENT
(105)
PROVIDE PREDETERMINED AMOUNT OF TRANSPARENTIZING MATERIAL
(110)
APPLY TRANSPARENTIZING MATERIAL TO A FIRST SURFACE OF PRESELECTED APPLICATION SITE
(115)
PROVIDE FIRST HEAT SOURCE
(120)
EXPOSE FIRST SURFACE OF APPLICATION SITE TO HEAT SUPPLIED BY FIRST HEAT SOURCE FOR PREDETERMINED PERIOD OF TIME
(122)
APPLY TRANSPARENTIZING MATERIAL TO A SECOND SURFACE OF PRESELECTED APPLICATION SITE
(125)
PROVIDE SECOND HEAT SOURCE
(130)
EXPOSE SECOND SURFACE OF APPLICATION SITE TO HEAT SUPPLIED BY SECOND HEAT SOURCE FOR PREDETERMINED PERIOD OF TIME
(135)
PROVIDE SUFFICIENT TIME FOR PENETRATION OF TRANSPARENTIZING MATERIAL INTO PAPER SUBSTRATE
(140)
PROVIDE FIRST CURING AGENT
(145)
EXPOSE FIRST SURFACE OF APPLICATION SITE TO CURING AGENT FOR PREDETERMINED PERIOD OF TIME
(150)
PROVIDE SECOND CURING AGENT
(155)
EXPOSE SECOND SURFACE OF APPLICATON SITE TO CURING AGENT FOR PREDETERMINED PERIOD OF TIME

FIG. 3

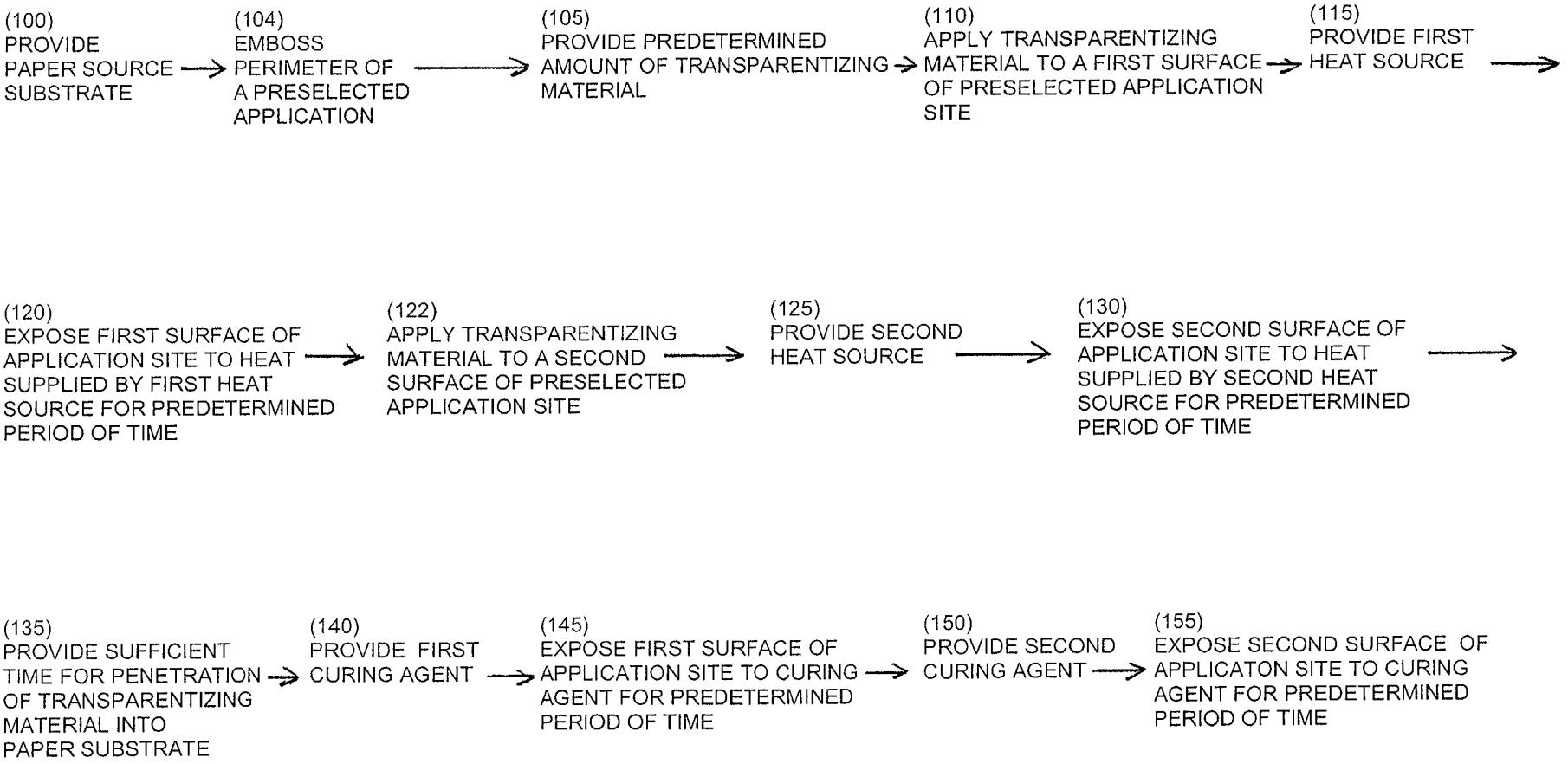

(100)
PROVIDE PAPER SOURCE SUBSTRATE
(104)
EMBOSS PERIMETER OF A PRESELECTED APPLICATION
(105)
PROVIDE PREDETERMINED AMOUNT OF TRANSPARENTIZING MATERIAL
(110)
APPLY TRANSPARENTIZING MATERIAL TO A FIRST SURFACE OF PRESELECTED APPLICATION SITE
(115)
PROVIDE FIRST HEAT SOURCE
(120)
EXPOSE FIRST SURFACE OF APPLICATION SITE TO HEAT SUPPLIED BY FIRST HEAT SOURCE FOR PREDETERMINED PERIOD OF TIME
(122)
APPLY TRANSPARENTIZING MATERIAL TO A SECOND SURFACE OF PRESELECTED APPLICATION SITE
(125)
PROVIDE SECOND HEAT SOURCE
(130)
EXPOSE SECOND SURFACE OF APPLICATION SITE TO HEAT SUPPLIED BY SECOND HEAT SOURCE FOR PREDETERMINED PERIOD OF TIME
(135)
PROVIDE SUFFICIENT TIME FOR PENETRATION OF TRANSPARENTIZING MATERIAL INTO PAPER SUBSTRATE
(140)
PROVIDE FIRST CURING AGENT
(145)
EXPOSE FIRST SURFACE OF APPLICATION SITE TO CURING AGENT FOR PREDETERMINED PERIOD OF TIME
(150)
PROVIDE SECOND CURING AGENT
(155)
EXPOSE SECOND SURFACE OF APPLICATON SITE TO CURING AGENT FOR PREDETERMINED PERIOD OF TIME

FIG. 4

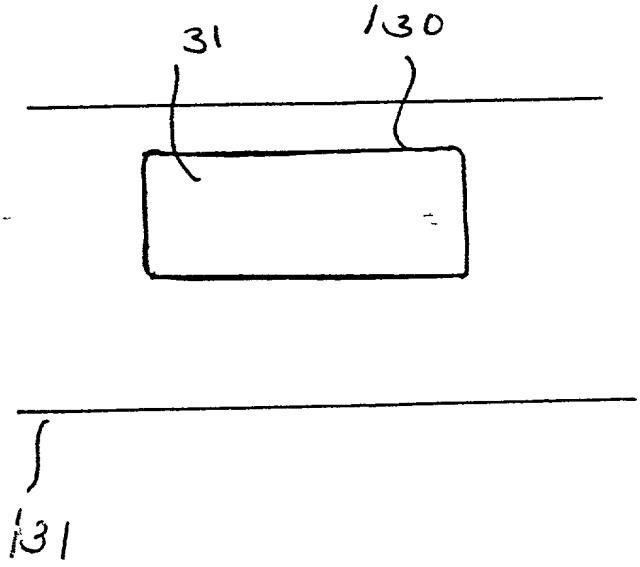


Fig. 5

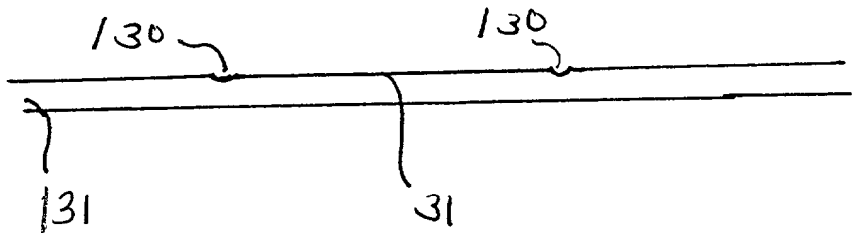


Fig. 6

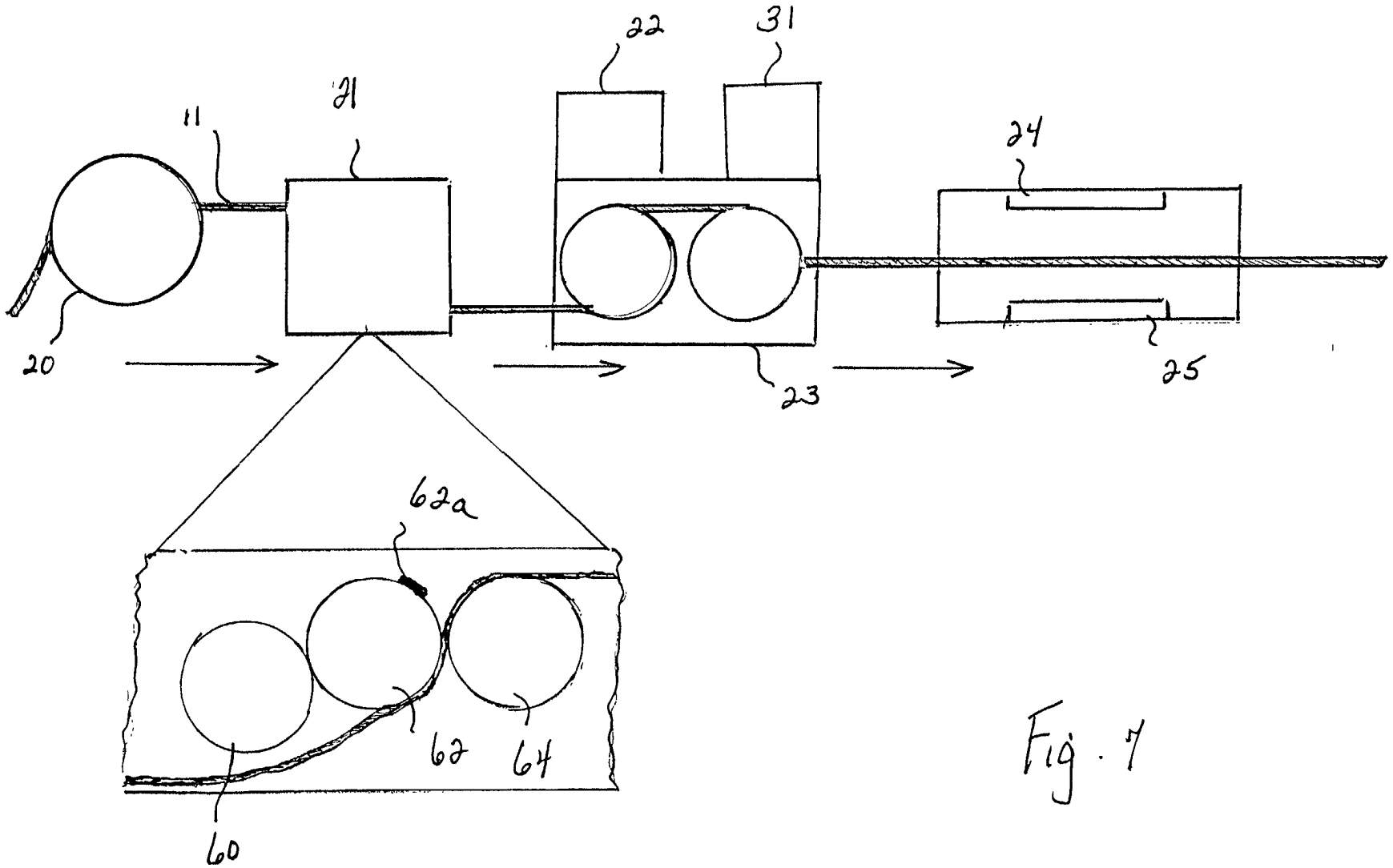


Fig. 7

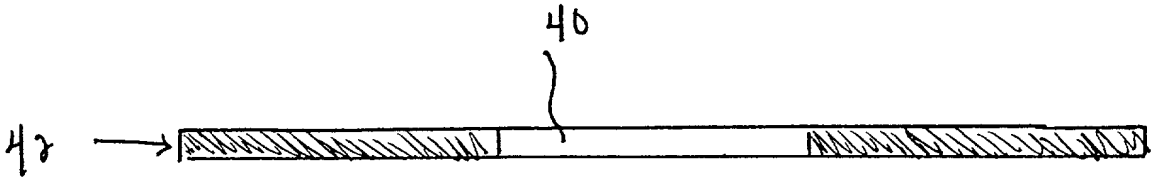


Fig 8a

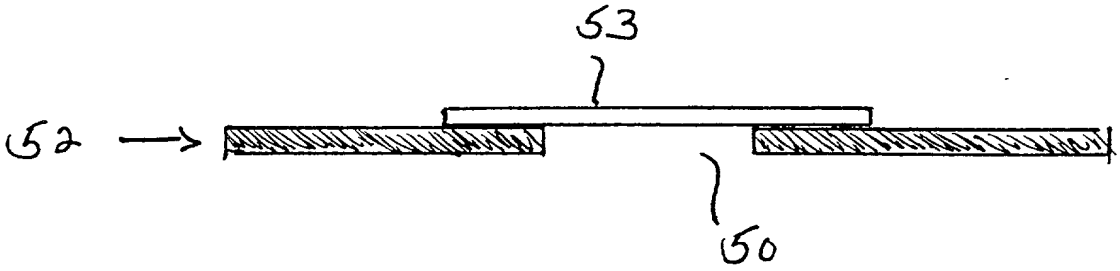
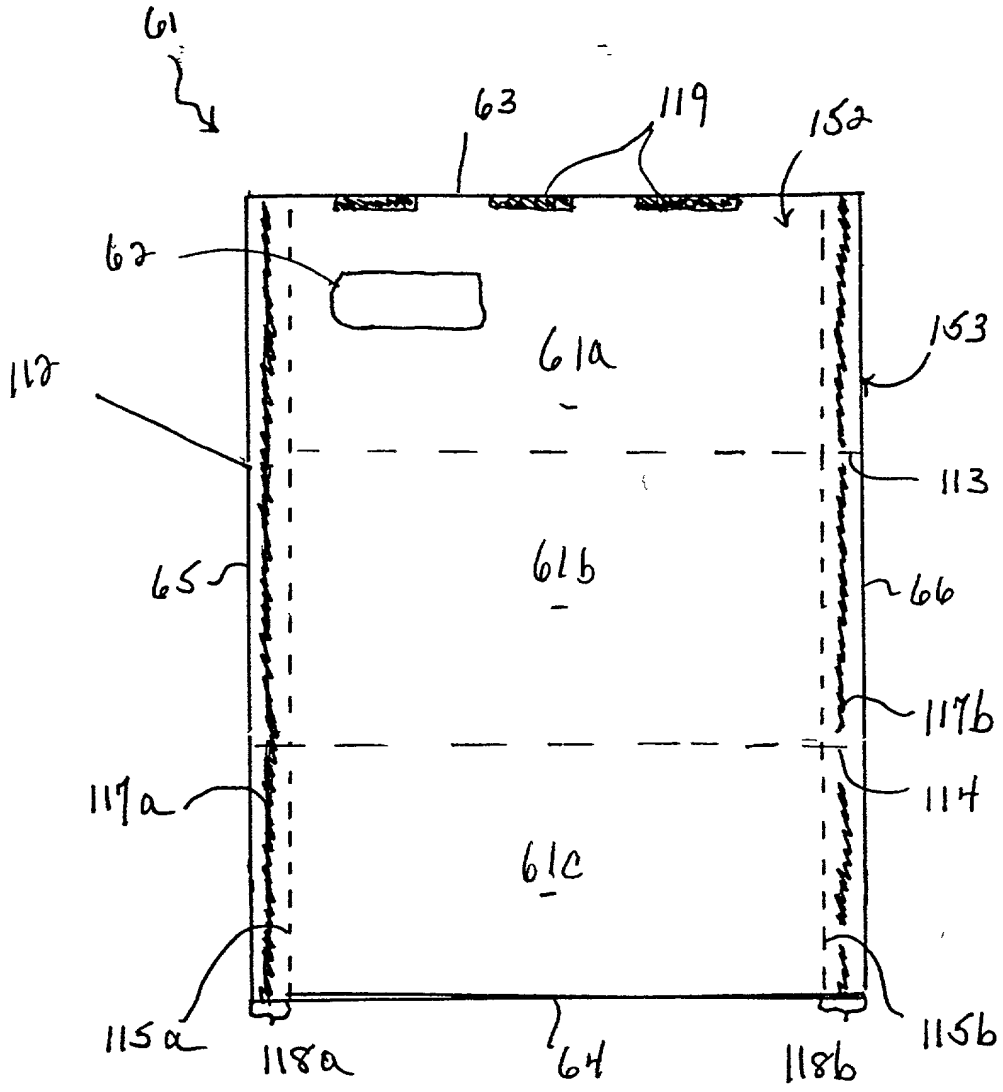


Fig 8b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62
153
117
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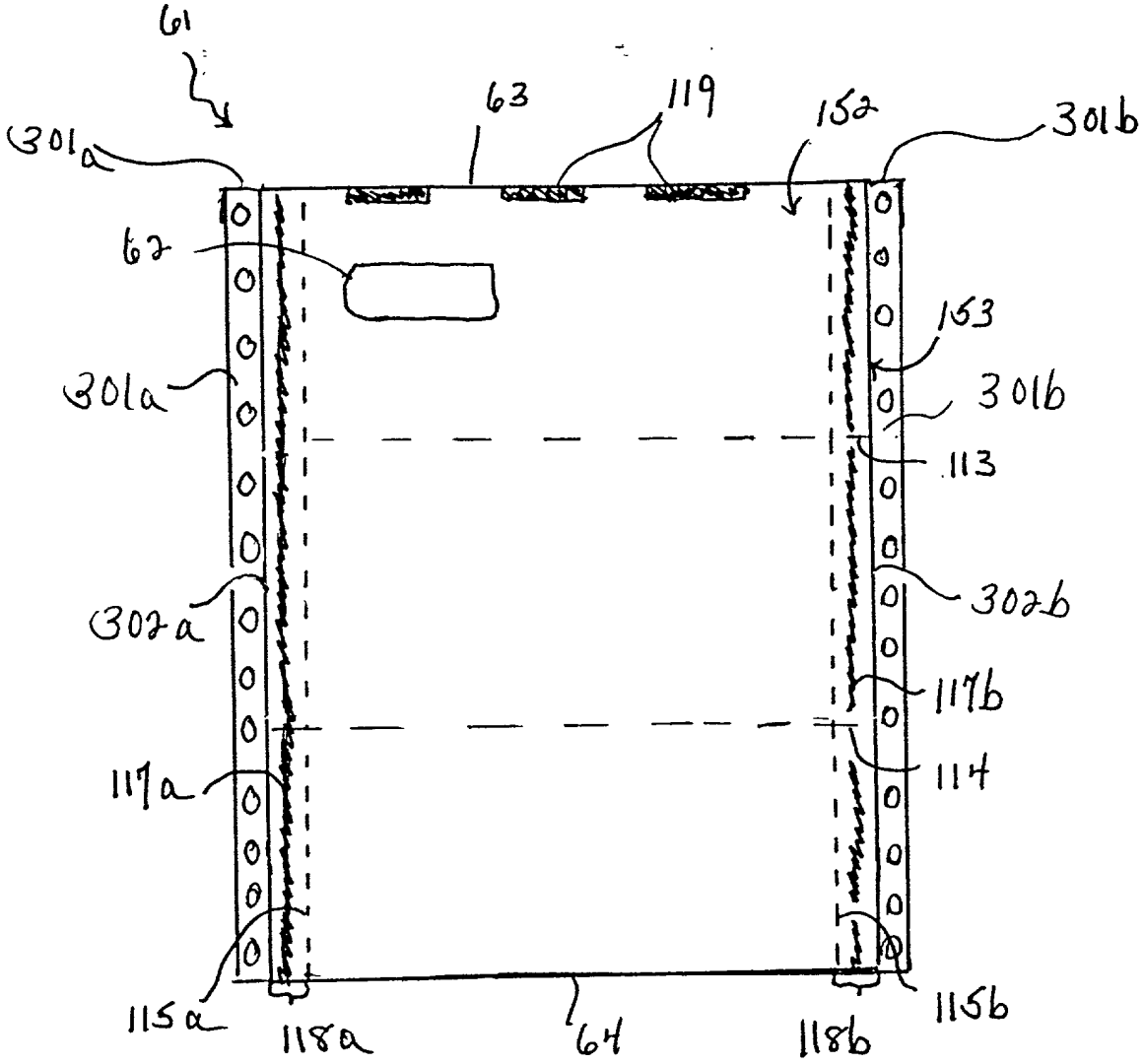
65
61b
66
117b
117a
114
61c
115a
118a
64
118b
115b

Fig. 9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302b
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114
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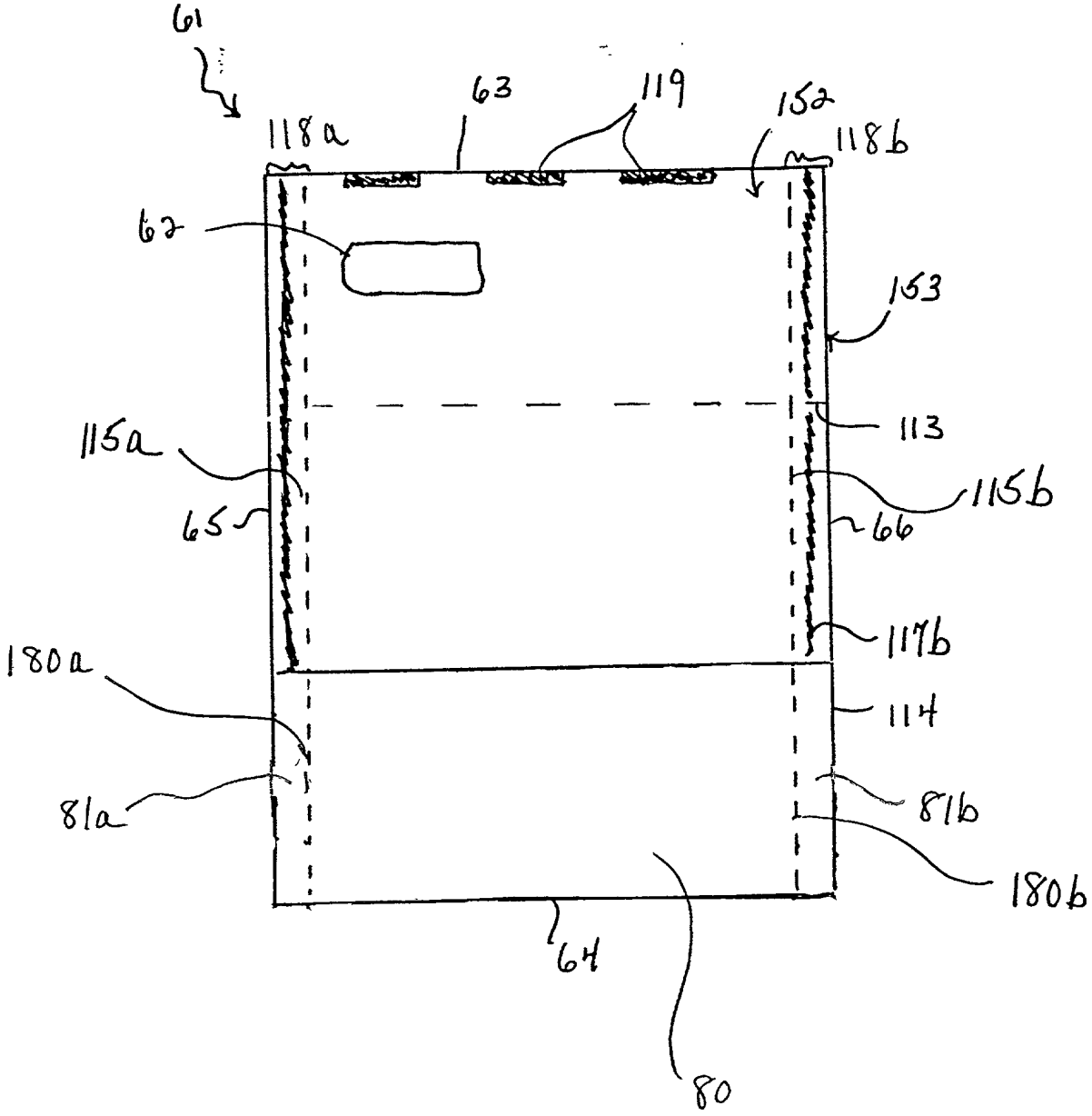
115a
118a
64
118b
115b

Fig. 10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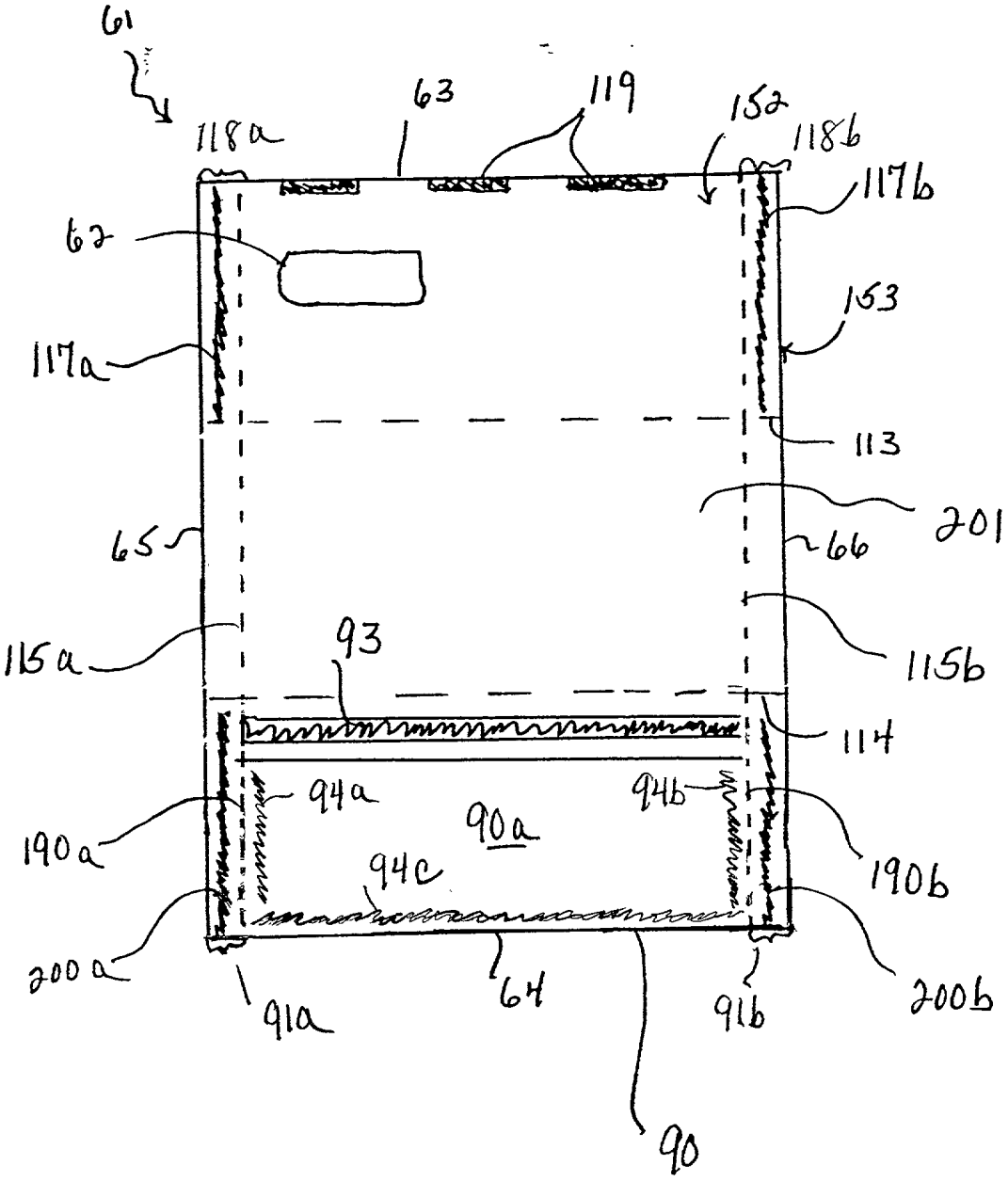
64
80

Fig. 11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190b
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200b
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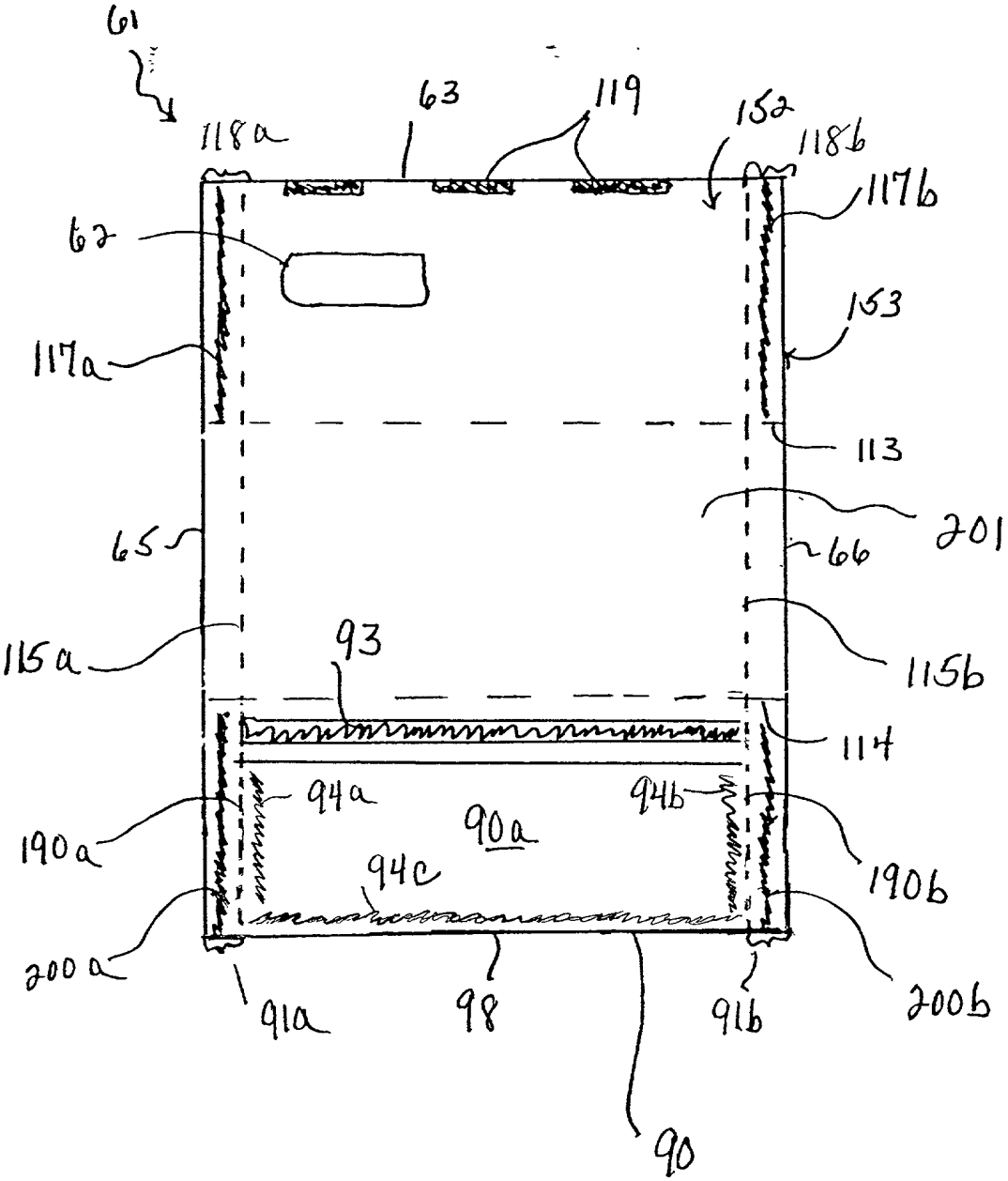
91a
91b
90

Fig. 12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91b
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Fig. 13

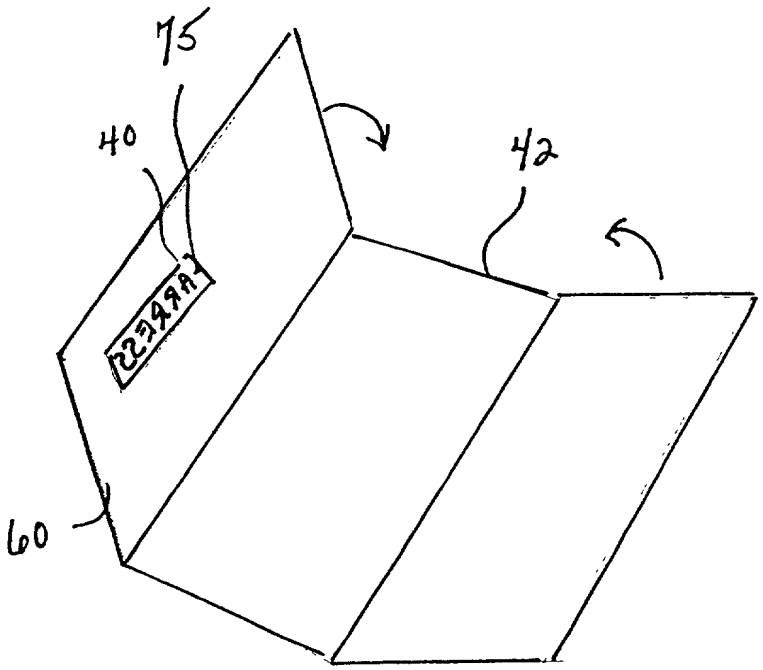

Fig. 14a

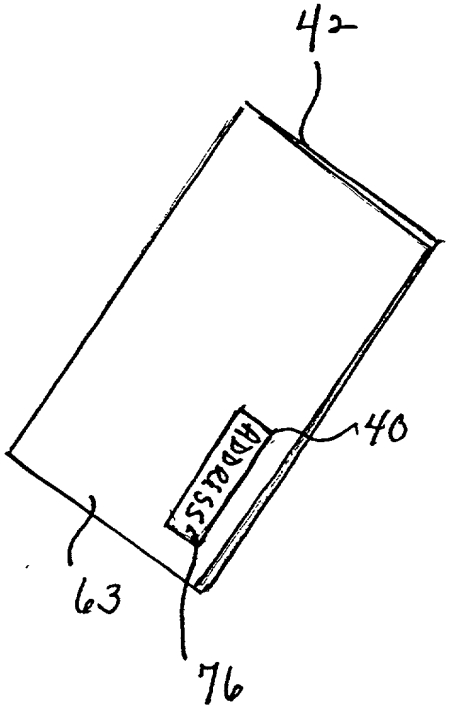

Fig 14b